

Abstract of the Disclosure

A head suspension, for supporting a head slider relative to a rotating disk in a rigid disk drive, formed from a flexure and a load beam that has a mounting region, a rigid region and a spring region located between the mounting and rigid regions. The load beam including a shock limiter integrally formed within the spring region as a cantilevered portion surrounded by a spring aperture used for adjusting the spring stiffness of the spring region. The head suspension typically configured to include a bend or radius in the spring region to bias the head suspension toward the disk surface. The cantilevered portion of the shock limiter formed with a pre-determined gap between the shock limiter and the head suspension when the head suspension is in an operating position. The cantilevered portion configured to overlap a portion of the head suspension, such that movement of the head suspension toward the shock limiter due to impact or shock loading results in contact between the shock limiter and the overlapped portion, thereby arresting the movement of the head suspension.

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